KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:		1 c'T		(See Instruct	ions on Re	verse Side)					
	en Flov		B21 -		Test Date	e:			API	No. 15				
De	liverabi	ity			7/9/201				023	3-21110-00 0	0			
Company Rosewo		sour	ces, Inc.				Lease Zweyga	ardt			:	4 34-24	Vell Nur	mber ————
County Cheyenr	ne		Locati SWSE	on	Section 24		TWP 3S		(W)	Acres Attributed 80			tributed	
Field Cherry C	Creek				Reservoir				thering Conn Systems In					
Completic 10/29/20		9			Plug Bac 1529'	k Total Dept	h		Packer \$	Set at			-	
Casing S 4 1/2"	ize	_	Weigh 10.5#		Internal E 6.366	Diameter	Set :		Perfo	orations 4'		To 1374'		
Tubing Si	ize		Weigh	t	Internal [Diameter	Set	at	Perfo	orations		То		
Type Con Single (Type Flui Dry Ga	d Production	1		Pump U flowin	nit or Traveling	Plunger?	Yes /	(No)	
	•		nulus / Tubing	1)	% C	arbon Dioxi	de		% Nitrog	gen		Gas Gravity - G		<u> </u>
Annulus												.6	un\ /Dr	over) Size
Vertical D					<u>.</u>	Flan						2"	un) (Fi	
Pressure	Buildup	o: (Shut in <u>7-9</u>	2	15 at 1	0:05	(AM)(PM)	Taken_7-		20			(AM) (PM)
Well on L	.ine:	:	Started 7-1	2	0 15 at 1	0:20	(AM)(PM)	Taken 7-	11	20	15 at 1	1:05	@	AM) (PM)
					_	OBSERVE	D SURFAC	E DATA			Duration of	of Shut-in	24	Hours
Static / Dynamic	Dynamic Size Meter Differential			Flowing Temperature	Well Head Temperature	Wellhead	Sing Pressure Pro (Pr)	Wellhe	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			iration Liquid Pro lours) (Barn		
Property	roperty (inches) Prover Pressure in psig (Pm) Inches H ₂ C		Inches H ₂ 0	t	ŧ .	psig	psia	psig	psia					
Shut-In							173	187.4			_			
Flow							52	66.4			24	_		
	г					FLOW STR	EAM ATTE	IBUTES						
Coefficient Meter or Extensi		Press Extension ✓ P _m xh	Gravity Factor F _o		Flowing femperature Factor F _{t1}	emperature Factor F		iation Metered Florector R (Mcfd)		GOR Cubic Fee Barrel)	ıt/	Flowing Ruld Gravity G		
										20		_		
					(OPEN FL	OM) (DELIA	ERABILITY) CALCUL	ATIONS		•	(P.)²	= 0.20)7
(P _c) ² =		_:_	(P _w) ² =	<u>:</u>	P _d =		%(I	P _o - <u>14.4)</u> +	14.4 =	<u>:</u>		(P _d) ²		 :,
$ \begin{array}{c cccc} (P_c)^2 - (P_a)^2 & (P_c)^2 - (P_w)^2 & 1. \ P_c^2 - P_a^2 \\ \text{or} & 2. \ P_c^2 - P_d^2 \\ (P_c)^2 - (P_d)^2 & divided by: \ P_c^2 - P_c^2 \\ \end{array} $		LOG of formula 1. or 2. and divide	formula 1. or 2. and divide P2-P2		Backpressure Curve Slope ≈ "n" or Assigned Standard Slope		n v log		og	Deliv Equals	en Flow verability R x Antilog Mcfd)			
				<u></u>		<u></u>					_			
											_			
Open Flo	w		_	Mcfd @ 14.	.65 psia		<u>Deliveral</u>	oility			Mcfd @ 1	4.65 psia	ı	
				n behalf of the							ort and tha	t he has		
the facts s	tated th	nerei	n, and that sa	aid report is true	_					December	4/25	F	$\sum_{i=1}^{2}$	0 15
			Witness (f any)		CC W			M	ror For	Company	Xer.	/ _	
	<u></u>		For Comm	ission	<u>.</u>	APR 07	ZU16 .			Che	cked by			

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exempt status under Rule K.A.R. 82-3-30	nder the laws of the state of Kansas that I am authorized to request 4 on behalf of the operator Rosewood Resources, Inc. tion and statements contained on this application form are true and
correct to the best of my knowledge and I	belief based upon available production summaries and lease records
	e of completion or upon use being made of the gas well herein named.
	on from open flow testing for the Zweygardt 34-24
gas well on the grounds that said well:	
is on vacuum at the pr	ift due to water gas for injection into an oil reservoir undergoing ER resent time; KCC approval Docket No lucing at a daily rate in excess of 250 mcf/D of my ability any and all supporting documents deemed by Commission
KCC WICHITA APR 0 7 2016 RECEIVED	Signature: — Manual Manual Title: Production Assistant

Instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under OBSERVED SURFACE DATA. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption IS denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.

W2603 Zweygardt 34-24

St. Francis

St. Francis

None

July-15

	Casing						HRS		Water	REMARKS
DATE	PSI	STATIC	MCF	SPM		CYCLE			BBLS	(Maximum length 110 characters)
7/1/2015	48	61	_	22	6	12		0	11	
7/2/2015	48	61		22	6	12		0	11	
7/3/2015	48	3 61		22	6	12		0	11	
7/4/2015	48	61		22	6	12		0	11	
7/5/2015	48	3 61		22	6	12		0	11	
7/6/2015	47	7 60		22	6	12		2	11	
7/7/2015	47	7 60		22	6	12		0	11	
7/8/2015	47	7 60		22	6	12		16	11	turn off p u
7/9/2015	73	3 86		1	6	12		24		·
7/10/2015	173	3 186		0	6	12		14	0	
7/11/2015	101	114		25	6	12		0	0	
7/12/2015	74	1 87		24	6	12		0	0	
7/13/2015	57	7 70		21	6	12		0	0	restarted pu
7/14/2015	49	9 62		21	6	12		0		•
7/15/2015	49	9 62		20	6	12		0	11	
7/16/2015	48	3 61		20	6	12		0	11	
7/17/2015	48	8 61		19	6	12		0	11	
7/18/2015	4	7 60)	19	6	12		0	11	
7/19/2015	47	7 60		19	6	12		0	11	
7/20/2015	46	5 59	•	19	6	12		0	11	
7/21/2015	5	l 64		19	6	12		2	0	shut off p u packing needs replace
7/22/2015	40	5 59)	19	6	12		0	0	
7/23/2015	40	5 59)	19	6	12		0	0	
7/24/2015	40	5 59)	18	6	12		0	0	
7/25/2015	40	5 59)	19	6	12		0	0	
7/26/2015	40	5 59)	19	6	12		0	0)
7/27/2015	40			17	6			0		
7/28/2015	40			17	6	12		0	0	
7/29/2015	40			17	6			0	0	
7/30/2015	40			17	6			0		
7/31/2015	40			17	6			0		
Total			4	582					165	

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W2603 Zweygardt34-24

St. Francis

St. Francis

None

August-15

FloBoss

FloBoss									
	Casing					HR	.S	Water	REMARKS
DATE	PSI	STATIC	MCF	SPM	C	CYCLE DO	WN	BBLS	(Maximum length 110 characters)
8/1/2015		47	7	19	6	12	0	10	
8/2/2015		48	3	19	6	12	0	10	
8/3/2015		46	5	19	6	12	0	10	
8/4/2015		40	5	19	6	12	0	10	
8/5/2015		40	5	19	6	12	0	10	
8/6/2015		46	5	19	6	12	0	10	
8/7/2015		40	5	20	6	12	0	10	
8/8/2015		47	7	20	6	12	0	10	
8/9/2015		48	3	20	6	12	0	10	
8/10/2015		50)	20	6	12	0	10	
8/11/2015		5	l	20	6	12	0	10	
8/12/2015		5	I	20	6	12	0	10	
8/13/2015		52	2	18	6	12	0	10	
8/14/2015		52	2	18	6	12	0	10	
8/15/2015		52	2	18	6	12	0	10	
8/16/2015		53	3	19	6	12	0	10	
8/17/2015		53	3	19	6	12	0	10	
8/18/2015		52	2	20	6	12	0	10	
8/19/2015		52	2	20	6	12	0	10	
8/20/2015		52	2	20	6	12	0	10	
8/21/2015		52	2	20	6	12	0	10	
8/22/2015		52	2	20	6	12	0	10	
8/23/2015		52	2	20	6	12	0	10	
8/24/2015	5	2 6:	5	20	6	12	0	10	
8/25/2015	4	2 5:	5	21	6	12	0	10	
8/26/2015	4	2 5:	5	21	6	12	0	10	
8/27/2015		5:	5	21	6	12	0	10	
8/28/2015		5:	5	21	6	12	0	10	
8/29/2015		5:	5	21	6	12	0	10	
8/30/2015		5:	5	21	6	12	4	10	
8/31/2015		5:	5	21	6	12		10	
Total				613				310	

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W2603

Zweygardi 34-24

St. Francis

St. Francis

None

September-15

FloBoss

FIOBOSS	Casing						HRS		Water	REMARKS
DATE	_PSI	STATIC	MCF	SPM		CYCLE	DOWN		BBLS_	(Maximum length 110 characters)
9/1/2015	47	7 60		1	6	12		0	10	
9/2/2015	47	7 60	2	1	6	12		0	10	
9/3/2015	47	7 60	2	1	6	12		0	10	
9/4/2015	47	7 60	2	1	6	12		0	10	
9/5/2015	59	72	2	1	6	12		0	10	
9/6/2015	59	72	2	1	6	12		0	10	
9/7/2015	56	5 69	2	1	6	12		0	10	
9/8/2015	5€	5 69	2	1	6	12		0	10	
9/9/2015	41	L 54	2	9	6	12		0	10	
9/10/2015	41	54	2	9	6	12		0	10	
9/11/2015	41	54	2	9	6	12		0	10	
9/12/2015	41	54	2	9	6	12		0	10	
9/13/2015	41	54	2	9	6	12		0	10	
9/14/2015	41	54	2	9	6	12		0	10	
9/15/2015	41	54	2	9	6	12		0	10	
9/16/2015	41	54	2	9	6	12		0	10	
9/17/2015	41	54	2	9	6	12		0	10	
9/18/2015	41	54	2	9	6	12		0	10	
9/19/2015	41	54	2	9	6	12		0	10	
9/20/2015	41	54	2	9	6	12		0	10	
9/21/2015	41	54	2	9	6	12		0	10	
9/22/2015	41	54	2	9	6	12		0	10	
9/23/2015	41	54	2	9	6	12		0	10	
9/24/2015	41	54	2	9	6	12		0	10	
9/25/2015	41	54	2	9	6	12		0	10	
9/26/2015	41	54	2	9	6	12		0	10	
9/27/2015	41	54	2	9	6	12		0	10	
9/28/2015	41	54	2	9	6	12		0	10	
9/29/2015	41	54	2	9	6	12		0	10	
9/30/2015	41	54	2	9	6	12		0	10	
10/1/2015		13								

Total 806 300

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